

Work Order ID 148490

Monday, July 04, 2016 7:49:43 AM

148490

Page 1

Item ID: D5296-3

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: 2" O/C Buckle

Start Date: 7/8/2016 Start Qty: 40.00

40

Cust Item ID:

Required Date: 7/15/2016 Req'd Qty: 40.00

40

Customer:

Reference:

Approvals:

Process Plan:

DAS

21

Date: JUL 05 2016

Tooling:

Date:

QC:

9-89

Date:

SPC (Y/N):

Date:

Run Start ***NR1***

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D5296

BA *DF*

100

16/07/05

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 32957

Possible Supplier: CTS
Description: 2" O/C Buckle
Supplier P/N: 80944

C OF C is required

40

JUL 08 2016

DAS
13
9-89

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

40x 16-7-12 SP

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
					QC / QA Coordinator Approval				
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER :									

Work Order ID 148490

Monday, July 04, 2016 7:49:43 AM

148490

Page 2

Item ID: D5296-3

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: 2" O/C Buckle

Start Date: 7/8/2016 Start Qty: 40.00

40

Cust Item ID:

Required Date: 7/15/2016 Req'd Qty: 40.00

40

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00				(40)			DAS 38 9-89
120									
QC	Memo	0.00							JUL 25 2016
Quality Control									
130	Identify as per dwg & Stock Location: <u>ST490</u>	0.00				40		DAS 6	
130								9-89	
Packaging	Memo	0.00							JUL 26 2016
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00						DAS 21	
140								9-89	JUL 26 2016
QC	Memo	0.00							
Quality Control									DAS 21 9-89 JUL 26 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By _____		
							Lead hand / Supervisor Approval Verification _____		
							QC / QA Coordinator Approval _____		

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____					
Misidentified ☐	Past Due ☐						

Picklist Print

Monday, July 04, 2016 7:49:46 AM

Page 1

Work Order ID: 148490

148490

Parent Item: D5296-3

D5296-3

Parent Item Name: 2" O/C Buckle

Start Date: 7/8/2016

Required Date: 7/15/2016

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP REV:A 15.09.29 NEW ISSUE DD VERF:JLM IPP
REV:B 16.03.28 AS PER DWG REV.B DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

80944

Purchased

No

Each

0.0000

40

80944

2" O/C Buckle

40x 16-7-12 SP.

DQA: _____ Date: _____



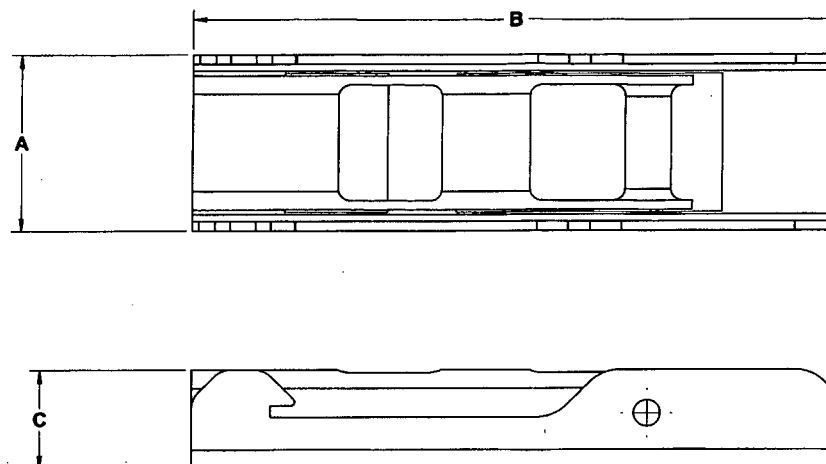
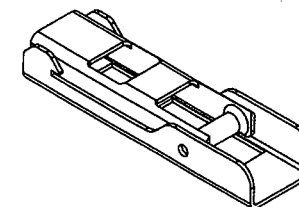
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
						QC / QA Coordinator Approval			
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
OTHER : _____									

SPECIFICATION CONTROL DRAWING



D5296-X O/C BUCKLE

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

148490 MJS
1607-05

DART P/N	DESCRIPTION	VENDOR	VENDOR P/N	A	B	C	MATERIAL	WEIGHT	BREAKING STRENGTH
D5296-1	1" O/C BUCKLE	C.T.S.	81130	1.54	5.50	0.85	STEEL	0.53 LBS	3000 LBS
D5296-3	2" O/C BUCKLE	C.T.S.	80944	2.36	6.5	1.65	STEEL	0.73 LBS	4400 LBS

RELEASED
2015-09-08
DN 16-626

- NOTES:
- 1) MATERIAL: SEE TABLE
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
 - 7) WEIGHT: SEE TABLE

APPROVED

A	NEW ISSUE	DB	15.09.01
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD	
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A
MFG. APPR.	DD	D5296	SHEET 1 OF 1
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	O/C BUCKLE	NTS
DATE	15.09.01	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. HAS IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO32957

Purchase Order Date 7/8/2016 8:10:22 AM
PO Print Date 7/8/2016

Page Number 1 of 2

Order From : VC-ROY001

RBC ROYAL BANK - VISA
PAYMENT CENTRE, PO BOX 4016, STAT. A
TORONTO, ON M5W 1X6
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

JUL 08 2016

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms COD

Currency CAD

FOB Destination-Collect

Chantal Lavoie

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	80944 AS PER DWG D5296 REV. A B148490 u	2" O/C Buckle ✓	7/14/2016 Yes 7/14/2016	FN	40.00 Each	\$6.62	\$264.80
Line Total:							\$264.80
2	81130 AS PER DWG D5296 REV. A B148489	1" O/C Buckle	7/14/2016 Yes 7/14/2016	FN	60.00 Each	\$6.62	\$396.90
Line Total:							\$396.90
3	18460 AS PER DWG D5294 REV. A B148487	1" Snap Hook	7/14/2016 Yes 7/14/2016	FN	60.00 Each	\$2.03	\$121.50

PO Instructions: CTS CARGO TIE-DOWN

Note:

7/8/2016

CTS



- FLATBED • MARINE
- INTERIOR VAN • RAIL
- AUTO TIE-DOWN

Cargo Tie-Down Specialty Inc.

160 Milner Avenue, Toronto, ON. M1S 3R3

Toll Free 1-888-412-7144 Tel: 416-412-7144 Fax: 416-412-7145

Website: www.ctscargotiedown.com E-Mail: sales@ctscargotiedown.com

GRIZZLYWEB

PACKING SLIP

ACCOUNT #	ORDER DATE	PACKING SLIP NO.
COD	7/8/2016	188584

BILL TO

SHIP TO

DART AEROSPACE
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

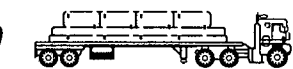
DART AEROSPACE
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

613 632 9577

PICKUP TIME:

P.O. NO.		ORDER BY	SHIP DATE	SHIP VIA	FOB	TERMS	REP			
PO32957		CHANTEL	7/8/2016	PUR#7684382	TORONTO	CREDIT CARD	HA			
TOTAL PKG	ITEM NUMBER	DESCRIPTION			QUANTITY ORDERED	QUANTITY SHIPPED	QTY B/O	UNIT	UNIT WT. (LBS)	BIN #
1	80944	2" OVERCENTER BUCKLE B/S: 4,400LBS			40	40	0	EA	0.73	CV
1	81130	1" OVERCENTER BUCKLE, B/S: 3,000 LBS			60	60	0	EA	0.53	FB
(A)	18460	1" SNAP HOOK, B/S: 3,000LBS. Y/Z			60	60	0	EA	0.21	B7
1	18420	2" TWISTED SNAP HOOK, B/S: 11,000LBS. Y/Z			80	80	0	EA	0.59	FB
C OF C REQUIRED HST (ON) on sales										
Sp. 16-7-12										
BAG/REEL	BUNDLE	CARTON	SKID	DIMENSIONS	TOTAL WEIGHT (LBS)	RECEIVED BY		RECEIVED DATE		
		4			136			N		

Claims for shortages or defects must be made within 5 days after their arrival. After such time, the Buyers shall not be entitled to make any claim on account of shortages, defects or other cause.



- FLATBED • MARINE
- INTERIOR VAN • RAIL
- AUTO TIE-DOWN • CARGO NET

Cargo Tie-Down Specialty Inc.

160 Milner Avenue, Toronto, ON. M1S 3R3 CANADA

Tel: 416-412-7144 / 1-888-412-7144 (CAN/USA)

Fax: 416-412-7145

Website: www.ctscargotiedown.com

E-Mail: sales@ctscargotiedown.com

EVERY STRAP IS CUSTOM MADE
WHATEVER YOU NEED, GET IT WITH SPEED
TOP QUALITY, NO COMPROMISE
Outlasts ordinary straps, get "GRIZZLYWEB" straps!



INVOICE

Invoice Date

Invoice #

7/8/2016

90633

Bill To

Ship To

DART AEROSPACE
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

DART AEROSPACE
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

Customer Account No.	COD	Phone No.	613 632 9577	Fax No.		Ordered By	CHANTEL LA...
Packing Slip No.	P.O. No.	Terms	Rep	Ship Date	Ship Via		
188584	PO32957	CREDIT CARD	HA	7/8/2016	PUR#7684382		
Item	Description	QUANTITY			Unit	Price	Amount
		Ordered	Shipped	B/O			
80944	2" OVERCENTER BUCKLE B/S: 4,400LBS.	40	40	0	EA	6.62	264.80
81130	1" OVERCENTER BUCKLE, B/S: 3,000 LBS	60	60	0	EA	6.62	397.20
18460	1" SNAP HOOK, B/S: 3,000LBS, Y/Z	60	60	0	EA	2.03	121.80
18420	2" TWISTED SNAP HOOK, B/S: 11,000LBS, Y/Z	80	80	0	EA	3.78	302.40
C OF C REQUIRED ===== USE CREDIT CARD ENDING#4712 SHIP DATE: JUL.08.2016 4 CARTONS = 136 LBS TRACKING#330784565799							
PAID ☐ DEBIT _____ CASH _____ VISA _____ AMEX _____ MASTER _____ CHEQUE _____ E-PAYMENT _____							

Sp/6-7-12

PAYMENT TERMS - For Customers with approved credit, payment terms are net 30 days from date of shipment. VISA, MASTERCARD and AMERICAN EXPRESS card orders are accepted.

RETURNS - If for any reason, you are dissatisfied with a product you receive from CTS, you may at any time within 5 days from your receipt of shipment return such goods for a full credit, exchange or refund. The return of custom and made-to order products is subject to the prior approval and restocking charges. Returned products must be shipped prepaid.

Subtotal CAD 1,086.20

HST/GST CAD 141.21

Total CAD 1,227.41

Payments/Credit CAD 0.00

Balance Due CAD 1,227.41

HST #896781127

Due Date

7/8/2016

Thank you for your order. We appreciate your business!



160 Milner Avenue, Toronto, ON M1S 3R3, CANADA
Tel: 416-412-7144 / 1-888-412-7144 Fax: 416-412-7145
Email: sales@ctscargotiedown.com
Website: www.ctscargotiedown.com

Customer Name	Purchase Order Number	Packing slip No.	Purchase Date (MM-DD-YYYY)
DART AEROSPACE	32957	188584	07-08-2016

Certificate of Compliance – Hardware/Webbing

Qty.	Item No.	Description	WORKING LOAD LIMIT (LBS)	BREAKING STRENGTH (LBS)	Country of Origin
40	80944	2" OVERCENTER BUCKLE B/S: 4,400LBS	1,466	4,400	CN
60	81130	1" OVERCENTER BUCKLE, B/S: 3,000 LBS	1,000	3,000	CN
60	18460	1" SNAP HOOK, B/S:3,000LBS, Y/Z	1,000	3,000	CN
80	18420	2" TWISTED SNAP HOOK, B/S:11,000LBS, Y/Z	3,666	11,000	CN